



॥ सा विद्या या विमुक्तये ॥

स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ, नांदेड

'ज्ञानतीर्थ', विष्णुपुरी, नांदेड - ४३१ ६०६ (महाराष्ट्र राज्य) भारत

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED

'Dnyanteerth', Vishnupuri, Nanded - 431 606 (Maharashtra State) INDIA

स्वामी रामानंद तीर्थ
मराठवाडा विद्यापीठ, नांदेड

Established on 17th September, 1994, Recognized By the UGC U/s 2(f) and 12(B), NAAC Re-accredited with 'B++' grade

Fax : (02462) 215572

Academic-1 (BOS) Section

website: srtmun.ac.

Phone: (02462)215542

E-mail: bos@srtmun.ac.

मानवविज्ञान विद्याशाखे अंतर्गत राष्ट्रीय
शैक्षणिक धोरण २०२० नुसार पदव्यूत्तर
द्वितीय वर्षाचे अभ्यासक्रम (Syllabus)
शैक्षणिक वर्ष २०२४-२५ पासून लागू
करण्याबाबत.

प रि प त्र क

या परिपत्रकान्वये सर्व संबंधितांना कळविण्यात येते की, या विद्यापीठा अंतर्गत येणा-या सर्व संलग्नित महाविद्यालयांमध्ये शैक्षणिक वर्ष २०२४-२५ पासून राष्ट्रीय शैक्षणिक धोरणानुसार पदव्यूत्तर द्वितीय वर्षाचे अभ्यासक्रम लागू करण्याच्या दृष्टीकोनातून मानवविज्ञान विद्याशाखे अंतर्गत येणा-या अभ्यासमंडळांनी तयार केलेल्या पदव्यूत्तर द्वितीय वर्षाच्या अभ्यासक्रमांना मा. विद्यापरिपदेने दिनांक १५ मे २०२४ रोजी संपन्न झालेल्या बैठकीतील विषय क्रमांक १६/५९-२०२४ च्या ठरावान्वये मान्यता प्रदान केली आहे. त्यानुसार मानवविज्ञान विद्याशाखेतील खालील एम. ए. द्वितीय वर्षाचे अभ्यासक्रम (Syllabus) लागू करण्यात येत आहेत.

01	M. A. II year - Marathi (Affiliated College)
02	M. A. II year - English (Affiliated College)
03	M. A. II year - Urdu (Affiliated College)
04	M. A. II year - History (Affiliated College)
05	M. A. II year - Political Science (Affiliated College)
06	M. A. II year - Sociology (Affiliated College)
07	M. A. II year - Sociology (Campus School)
08	M. A. II year - Public Administration (Affiliated College)
09	M. A. II year - Geography (Affiliated College)
10	M. A. II year - Sanskrit (Affiliated College)
11	M. A. II year - Philosophy (Affiliated College)
12	M. A. II year - Human Rights (Campus School)
13	M. A. II year - Economics (Affiliated College)
14	M. A. II year - Economics (Sub Campus)
15	M. A. II year - Economics (Campus School)
16	M. A. II year - Marathi (Campus School)

सदरील परिपत्रक व अभ्यासक्रम प्रस्तुत विद्यापीठाच्या www.srtmun.ac.in या संकेतस्थळावर उपलब्ध आहेत. तरी सदरील बाब ही सर्व संबंधितांच्या निदर्शनास आणून द्यावी, ही विनंती.

'ज्ञानतीर्थ' परिसर,

विष्णुपुरी, नांदेड - ४३१ ६०६.

जा.क्र.:शै-१/एनईपी/पीजीअ/२०२४-२५/१२५

दिनांक २१.०६.२०२४

प्रत : १) मा. आधिष्ठाता, मानवविज्ञान विद्याशाखा, प्रस्तुत विद्यापीठ.

२) मा. संचालक, परीक्षा व मुल्यमापन मंडळ, प्रस्तुत विद्यापीठ.

३) मा. प्राचार्य, सर्व संबधित संलग्नित महाविद्यालये, प्रस्तुत विद्यापीठ.

४) मा. संचालक, सर्व संकुले परिसर व उपपरिसर, प्रस्तुत विद्यापीठ

५) सिस्टीम एक्सपर्ट, शैक्षणिक विभाग, प्रस्तुत विद्यापीठ. याना देवून कळविण्यात येते की, सदर परिपत्रक संकेतस्थळावर प्रसिध्द करण्यात यावे.

डॉ. सरिता लोसरवार

सहा.कुलसचिव

शैक्षणिक (१-अभ्यासमंडळ) विभाग

**SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY,
NANDED-431606**



**(Structure and Syllabus of PG Degree Programme of Sub –Campus, Latur
with Entry and Exit Option)**

TWO YEARS MASTER DEGREE PROGRAMME

MAJOR IN ECONOMICS

UNDER THE FACULTY OF HUMANITIES

SCHOOL OF SOCIAL SCIENCES,

S.R.T.M.U.N. SUB-CAMPUS, LATUR

Effective from Academic year 2023 – 2024
(As per NEP-2020)

Forward by the Dean, Faculty of Humanities

From the Desk of Dean

NEP 2020 proposes a new and forward-looking vision for India's Higher Education System through quality universities and colleges. Its key is in the curriculum and its practical implementation.

The curriculum must be exciting, relevant, and regularly updated to align with the latest knowledge requirements and meet specified learning outcomes. High-quality pedagogy is necessary to impart the curricular material to students successfully; pedagogical practices determine the learning experiences provided to students, thus directly influencing learning outcomes. The assessment methods must be scientific, designed to improve learning continuously test the knowledge application.

The university's proper framing and development of syllabi will result in the upbringing and nourishment of multidisciplinary and holistic citizens. Emphasis is on outcome-based learning. Every course has well-defined objectives and outcomes. The assessment guidelines also provide clarity and precision to the vision behind prescribing the particular course content.

NEP foresees more vibrant, socially engaged, cooperative communities and a happier, cohesive, cultured, productive, innovative, progressive, and prosperous nation. The introduction of Research Methodology and ethics will widen the vision and broaden the perspectives of the learners.

Introducing Case Studies and Field Projects has created a unique opportunity for the higher education institute to bridge the gap between the academia, industry and the community NEP believes effective learning requires a comprehensive approach that involves an appropriate curriculum, engaging pedagogy, continuous formative assessment, and adequate student support.

We are sure that the Postgraduate centres of this university and its affiliated colleges will implement the course effectively and successfully, resulting in a healthy and more creative academic ambience.

Prof. P. A. Khadke,

Dean, Faculty of Humanities,

Swami Ramanand Teerth Marathwada University, Nanded.

From Desk of Chairman, Board of Studies of the Subject Economics

The New Education Policy is being implemented from the academic year 2023-24 in Swami Ramanand Teerth Marathwada University, Nanded. This policy provides a great opportunity to revolutionise the education sector. In this educational policy, many reforms have been made in the educational framework, rules, and administrative system. The policy will make it possible to achieve the goal of sustainable development of the country. The objectives of this policy are to build an efficient and strong educational system, this education strategy gives special attention to the skills of creative thinking, communication skills, cooperation, empathy and self-confidence. This policy lays down fundamental principles for educational systems, and institutions and inculcates Indian values through curriculum and pedagogy. The new policy is expected to create constitutional values as well as a debt band with the country as our country moves towards becoming a global knowledge generation hub. It is necessary to meet the rising aspirations of the youth.

The Education of economics has gained a lot of importance in recent times as the world has become a market due to globalization, privatization & liberalization. There was a need for a new national education policy to replace the traditional education system. In accordance with this policy, the economics curriculum has been changed to ensure quality education, the student's sustainable development, employment opportunities, environment, complementary development, human welfare, economic theory, statistics, mathematical economics, econometrics, financial policy, import, export, savings, investment, employment and creating vocational skills among students and to acquire Indian knowledge along with western economics knowledge. The role of the new national education policy is not only to create job seekers but to create an entrepreneur.

The syllabus prepared for Post graduate students of economics which is based on National Education Policy 2020. This Framework is formulated with a student-centric approach and provides flexibility in terms of choice of disciplines of study, developing academic pathways having creative combinations of disciplines for study with multiple entry and exit points, determining semester-wise academic load and the ease to learn at his/her pace, to the extent possible. I believe strongly that small steps taken in the right direction will definitely help in providing quality education to the stakeholders. I as the chairman board of studies in the economics of Swami Ramanand Teerth Marathwada University Nanded happy to state here that syllabus where finalised in meeting where more than 9 members from different institutes were attended.

Dr. Laxman Hanmantrao Patil

**Chairman, Board of Studies of the Economics,
Swami Ramanand Teerth Marathwada University, Nanded**



Swami Ramanand Teerth Marathwada University, Nanded
Members of the Board of Studies in the subject of Economics
under the faculty of Humanities

Sr No	Name of the Member	Designation	Address with mail id	Contact No.
1	Dr. Laxman Hanmantrao Patil	Chairman	Shivaji Mahavidhyalya, Udgir lhpatil1971@gmail.com	9421365316
2	Dr. Pramod Pandurang Lonarkar	Member	School of Social Sciences this University pramodlonarkar83@gmail.com	7745083377
3	Dr. Shalinee Uttamrao Kadam	Member	School of Social Sciences this University shalineeuokadam@gmail.com	8698063223
4	Dr. Vikas Vinayakrao Sukale	Member	Peoples College Nanded vvsukale@gmail.com	9423345145
5	Dr. Digambar Dattarao Bhosale	Member	Yeshwant Mahavidyalya, Nanded bhosaledigambar3@gmail.com	7020560852
6	Dr. Chhaya Prabhakar Karkare	Member	K.R.M Mahila Mahavidyalya, Nanded cpkarkare@gmail.com	9923330669
7	Dr. Rajeshwar Vishwanath Kirtankar	Member	Narayanrao Waghmare College Akhda Balapur Dist Hingoli rvkirtankar@gmail.com	8788823804
8	Dr. Vishal Chandrashekhar Belure	Member	Shankarrao Mahavidhyalya, Ardhapur Dist.Nanded vcbelure@gmail.com	9403477782
9	Dr. Pandurang Ramrao Muthe	Member	Yeshwant Mahavidhyalya Nanded ajaymeco82@gmail.com	9421359542
10	Dr. Balaji Tulshiram Ghute	Member	Dayanand College of Arts, Latur btghute@gmail.com	8329408608
11	Dr. Anil Digambar Wadkar	Member	Kumar Swami Mahavidyalaya Ausa Dist. Latur adwadkar1983@gmail.com	9822411978

Swami Ramanand Teerth Marathwada University, Nanded
Sub-Campus, Latur
School of Social Sciences
Revised Syllabus as per NEP-2020 for M.A. Economics

Year of implementation:

Revised Syllabus (First Year) implemented from *academic year 2023-24* & revised syllabus (Second Year) will be implemented from *academic year 2024-25*

About the School of Social Sciences:

The School of Social Sciences established in 2009 with the M.A. Economics Programme. The Masters Degree programme in Social Work (M.S.W.) has been added to the school in the year 2011. From academic year 2012-13 M.A. Sociology programme has been initiated in the school. Since beginning, School has student centric approach to make them capable in socio-economic perspectives by providing practical, skill based and theoretical knowledge. All PG programmes are of two year's duration to be completed in four semesters. Our School is a recognized research centre for promoting the research practices under the stream of Social Sciences. School of Social Sciences offers CBCS syllabus under CGPA pattern for all post graduate programmes to develop interdisciplinary approach among the students. Our curriculum is based on UGC's guidelines and it is research as well as job oriented in nature.

As research plays an important role in the socio-economic development of the society, our faculties are working in the research areas: Public finance and policy, urban development, gender and cultural development etc. Two faculties are research guides and 07 students are working for Ph.D. under their guidance. Apart from regular class room teaching, the School is offering SET/NET guidance to the students. School promotes students for Avishkar research competition every year that is why our students could participate at state level competition. The research project work is basic component of all PG programme.

In recent time some students of our school have enrolled and registered themselves for SWAYAM-NPTEL online courses and benefiting a wide source of knowledge. Our school has also started an online certificate course on 'Data Interpretation using MS Excel and SPSS'. With the time our school is progressing in a positive way.

About the M.A. Economics Programme:

Study of higher courses like Economics is in great demand worldwide now days. Talent from the field of economics are excelled in the examinations like Maharashtra Public Service Commission (MPSC), Union Public Service Commission (UPSC), Reserve Bank of India (RBI), National Bank for Agriculture and Rural Development (NABARD), Co-Operative Banks and other private and public sector organizations. Swami Ramanand Teerth Marathwada University, Nanded at its Sub-Centre, Latur is offering Post Graduate Degree (M.A.) in Economics. This course covers recent developments in economics. The objective of this course is to develop an understanding of the basic and intermediate principles of Economics. The focus of the course will be on substantive issues and applications of basic principles of economics and field related to economics. The course will be a mixture of theory and assignments. By the end of this course, the students are expected to be familiar with theoretical and practical aspects of Economics and acquire analytical skills to address various prevalent problems of the society. The course curriculum is autonomous. The syllabus is structured as per NEP-2020 and Choice Based Credit System (CBCS) to make student learn from other interested areas to his/her credit. The result of the degree will be based on CGPA system of the University.

Objectives of the Programme:

1. Enriching Post Graduation level knowledge in an important subject 'Economics'.
2. Providing opportunity at University campus to interested students of rural background.
3. Creating human resource to cope with the national and international openings through the subject learning.
4. Enabling higher education significant wherever required and deliverable.

Outcomes of the Program:

1. Student progression towards research and employment opportunities.
2. Core subject learning and skill development/enhancement enabling students to identify their potential/suitability at appropriate undertakings.
3. Performance at University examination evaluation in justifying the course learnt by the students.
4. Conditioning Post Graduate education qualitatively improved.



Swami Ramanand Teerth Marathwada University, Nanded, Sub-Campus, Latur

Faculty of Humanities Major in Economics Credit Framework of Two-Year PG Programme

Year & Level	Sem .	Major Subject		RM	OJT/FP	Research Project	Credits	Total Credits
1	2	(DSC) 3	(DSE) 4	5	6	7	8	9
1	1	HECOC 521: Advanced Micro Economics - I (4 Cr)	HECOE 521:Mathematical Economics-I (4 Cr) OR HECOE 522:Economics of Growth & Development-I (4 Cr)	HECOR 521:Research Methodology (4 Cr)	...	...	20	40
		HECOC 522:Advanced Macro Economics - I (4 Cr)			...	...
		HECOC 523:Statistical Methods-I (Cr 4)			...	...
	2	HECOC 571: Advanced Micro Economics - II (4 Cr)	HECOE 571:Mathematical Economics-II (4 Cr) OR HECOE 572:Economics of Growth & Development-II (4 Cr)	...	HECOF 571:Field Project (4 Cr)	...	20	
		HECOC 572:Advanced Macro Economics - II (4 Cr)		...		...
		HECOC 573:Statistical Methods-II (Cr 4)		...		...
Exit option: PG Diploma (after three year Degree)								
2	3	HECOC 621:Public Economics-I (4 Cr)	HECOE 621:Econometrics-I (4 Cr) OR HECOE 622:Financial Institutions & Market-I (4 Cr)	...	...	HECOF 621: Research Project (Field Survey) (4 Cr)	20	40
		HECOC 622:International Trade & Finance-I (4 Cr)		...	...	
		HECOC 623: Lab Work (4 Cr)		...	...	
	4	HECOC 671:Public Economics-II (4 Cr)	HECOE 671:Econometrics-II (4 Cr) OR HECOE 672:Financial Institutions & Market-II (4 Cr)	...	HECOR 671: Research Project/ Dissertation (6 Cr)	20		
		HECOC 672:International Trade & Finance-II (4 Cr)		...			...
		HECOC 673:Lab Work (2 Cr)		...			...
Total Credits		46	16	4	4	10	80	



Swami Ramanand Teerth Marathwada University, Nanded, Sub-Campus, Latur
Faculty of Humanities Major in Economics
Post Graduate - Second Year Programme, Semester III (Level -)
Teaching Scheme

	Course Code	Course Name	Credits Assigned			Teaching Scheme Hrs./Week		
			Theory	Practical	Total	Theory	Practical	Total
Major	HECOC 621	Public Economics-I	4	....	4	4	....	4
	HECOC 622	International Trade & Finance-I	4	....	4	4	....	4
	HECOC 623	Lab Work	....	4	4	....	4	4
Major Elective (Choose any one)	HECOE 621	Econometrics-I	4	....	4	4	....	4
	HECOE 622	Financial Institutions & Market-I	4	....	4	4	....	4
Research Project	HECOF 621	Research Project (Field Survey)	....	4	4	....	4	4
Total Credits			12	08	20	12	08	20



Swami Ramanand Teerth Marathwada University, Nanded, Sub-Campus, Latur
Faculty of Humanities Major in ECONOMICS
Post Graduate - Second Year Programme, Semester IV (Level -)
Teaching Scheme

	Course Code	Course Name	Credits Assigned			Teaching Scheme Hrs./Week		
			Theory	Practical	Total	Theory	Practical	Total
Major	HECOC 671	Public Economics-II	4	....	4	4	....	4
	HECOC 672	International Trade & Finance-II	4	....	4	4	....	4
	HECOC 673	Lab Work	....	2	2	....	2	2
Major Elective (Choose any one)	HECOE 671	Econometrics-II	4	....	4	4	....	4
	HECOE 672	Financial Institutions & Market-II	4	....	4	4	....	4
Research Project	HECOR 671	Research Project/ Dissertation	....	6	6	....	6	6
Total Credits			12	08	20	12	08	20

Note:

1. Every student will have to opt 05 courses per semester.
2. Each student will opt for 20 credits per semester. Total credits at the exit with one year PG diploma will be 40 and at the end of the two year PG programme will be 80 credits



Swami Ramanand Teerth Marathwada University, Nanded, Sub-Campus, Latur
Faculty of Humanities Major in Economics
Post Graduate Second Year Programme, Semester III (Level -)
Examination Scheme

[20% Continuous Assessment (CA) and 80% End Semester Examination (ESE)]

(For illustration we have considered a paper of 02 credits 50 marks, need to be modified depending on credits of individual paper)

Subject (1)	Course Code (2)	Course Name (3)	Theory/Practical					Total Col.(6+7) (9)
			Continuous Assessment (CA)			Avg of T1+T2+Assi./3 (7)	ESE Total (8)	
			Test I (4)	Test II (5)	Assignment (6)			
Major	HECOC 621	Public Economics-I	20	20	20	20	80	100
	HECOC 622	International Trade & Finance-I	20	20	20	20	80	100
	HECOC 623	Lab Work	Internal Practical Exam of 60 marks			60 marks converted into 20	80 Practical Exam	100
Major- Electives (Choose any one)	HECOE 621	Econometrics-I	20	20	20	20	80	100
	HECOE 622	Financial Institutions & Market-I	20	20	20	20	80	100
Research Project	HECOF 621	Research Project (Field Survey)	On the basis of exercise completions as per syllabus (12 marks each exercise)			60 marks converted into 20	80 RP Evaluation & Viva- Voce	100



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities Major in Economics
Post Graduate Second Year Programme, Semester IV (Level -)
Examination Scheme

[20% Continuous Assessment (CA) and 80% End Semester Examination (ESE)]

(For illustration we have considered a paper of 02 credits 50 marks, need to be modified depending on credits of individual paper)

Subject (1)	Course Code (2)	Course Name (3)	Theory					Total Col.(6+7) (9)
			Continuous Assessment (CA)			Avg. of T1+T2+Assi./3 (7)	ESE Total (8)	
			Test I (4)	Test II (5)	Assignment (6)			
Major	HECOC 671	Public Economics-II	20	20	20	20	80	100
	HECOC 672	International Trade & Finance-II	20	20	20	20	80	100
	HECOC 673	Lab Work	Internal Practical Exam of 30 marks			30 marks converted into 10	40 Practical Exam	50
Major- Electives (Choose any one)	HECOE 671	Econometrics-II	20	20	20	20	80	100
	HECOE 672	Financial Institutions & Market-II	20	20	20	20	80	100
Research Project	HECOR 671	Research Project/ Dissertation	On the basis of steps followed as mentioned in the syllabus (Overall 30 Marks)			30	120 Evaluation & Viva-Voce	150

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED

Faculty of Humanities

M.A. (First Year)

Subject: Economics

End of Semester Examination (ESE)

Question Paper Pattern (4 Credits)

Paper Name:, Paper Code:

Time: 03 Hours

Marks: 80

(As Per NEP-2020)

Note: *End Semester Examination assessment (80% of the Maximum Marks):*

- 1. ESE Question paper will consists of 6 questions (each carry 20 marks)*
- 2. Students are required to solve a total of 4 Questions*
- 3. Question No.1 will be compulsory and shall be based on entire syllabus.*
- 4. Students need to solve ANY THREE of the remaining Five Questions (from Q. No. 2 to 6) and shall be based on entire syllabus.*

Q.1) Descriptive Question (Compulsory) (20 Marks)

- A)
- B)
- C)
- D)
- E)

(Note: 5 sub-questions (each carry 4 marks) will be asked under Q. No. 1 and there will be at least one sub-question from every chapter, students must attempt all these sub questions)

Q.2) Descriptive Question (20 Marks)

Q.3) Descriptive Question (20 Marks)

Q.4) Descriptive Question (20 Marks)

Q.5) Descriptive Question (20 Marks)

Q.6) Descriptive Question (20 Marks)

(Solve Any Three Questions from Q. No. 2 to 6) (60 Marks)

Total = (80 Marks)

Guidelines for Course Assessment:

A. Continuous Assessment (CA) (20% of the Maximum Marks):

This will form 20% of the Maximum Marks and will be carried out throughout the semester. It may be done by conducting **Two Tests and One Assignment**. Average of marks scored in these two tests and one assignment of a theory paper will make CA.

B. Assessment of Term Work/ Tutorial/Field Works:

At least 08 test / assignments covering entire syllabus must be given during the 'class wise tutorial'. The assignments should be students'centric and attempts be made to make assignments more meaningful, interesting and innovative. Term work assessment must be based on overall performance of the student with every assignments graded time to time. The grades be converted to marks as per 'credit and grading system' manual and should be added and averaged.

Note: Number of lectures required to cover syllabus of a course depend on number of credit assigned to it. For example, for a two credit course, 30 lectures each of one hour duration are assigned, while that for a four credit course 60 lectures.

.....



Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities Major in Economics

Post Graduate - Second Year Programme, Semester Third

Course Code: HECOC 621

Course Title: Public Economics – I (Major)

Curriculum Details (for 4 Credits)

Course pre-requisites:

1. Meaning, nature and importance of public sector
2. Basic knowledge of public policy

Course Objectives:

1. To make students aware about the role of government in economy.
2. To familiarize students with concepts of public goods, private goods and merit goods.
3. To develop an understanding of the public finance.
4. To understand the government policies in public sector economics.

Course Outcomes:

1. This course is useful in understanding the role of government in the economy.
2. The course equips the student to identify the characteristics of public goods, private and merit goods.
3. On successful completion of the modules, the student will have compatible knowledge in public finance.
4. After completion of the course the student get a better understanding of government policies in public sector economics.

Module 1: Introduction to Public Economics

(12 Hours)

- 1.1 Meaning, scope and importance
- 1.2 Difference between Public Finance and Public Economics
- 1.3 Concept of public goods, private goods and merit goods
- 1.4 Fiscal functions of the government

Module 2: Role of Government in Economy

(12 Hours)

- 2.1 Role of government in Capitalist, Socialist and Mixed Economy
- 2.2 Role of government in organized and modern society
- 2.3 Government as an agent for economic planning and development
- 2.4 Market failure - public goods, externalities and imperfect competition

Module 3: Taxation**(12 Hours)**

- 3.1 Principles of taxation
- 3.2 Taxable capacity-meaning, types and measurement
- 3.3 Meaning of impact and incidence of tax
- 3.4 Direct and indirect taxes, Surcharge and Cess in India

Module 4: Public Expenditure**(12 Hours)**

- 4.1 Meaning, structure and importance
- 4.2 Theories of public expenditure: Wagner and Wiseman – Peacock
- 4.3 Social cost-benefit analysis
- 4.4 Growth of public expenditure in India

Module 5: Public Debt**(12 Hours)**

- 5.1 Meaning, sources and importance
- 5.2 Classification of public debt
- 5.3 Public debt management and repayment
- 5.4 Recent trends of public debt and its burden in India

References:

- Atkinson, A. B. and J. E. Stiglitz (1980), Lectures on Public Economics, Tata McGraw Hill, New York
- Auerbach, A. J. and M. Feldstern (Eds.) (1985), Handbook of Public Economics, Vol. I, North Holland, Amsterdam
- Buchanan, J. M. (1970), The Public Finances, Richard D. Irwin, Homewood
- Jain, I. (1988), Resource Mobilization and Fiscal Policy in India, Deep & Deep Publications, New Delhi
- Jha H. (1998), Modern Public Economics, Routledge, London
- Lekhi R.K. Public Finance, Kalyani Publication, New Delhi
- Mundell, S. (1999), Public Finance Policy: Issues for India, Oxford University Press, New Delhi
- Richard A. Musgrave (1989), Public Finance in Theory and Practice McGraw Hill Book Company, New York.
- Ruddar Datt and K.P.M. Sundharam (2010), Indian Economy, S.C.Chand and Company Ltd, New Delhi.
- Singh S.K. (2007) Public Finance in Developed and Developing Countries, S.Chand and Company Ltd, New Delhi
- Singh, T. (2000), The Corporation Tax in India, Classical Publishing Company, New Delhi
- Tripathy R.N.(2000) Public Finance in Underdeveloped Countries
- Tyagi B.P.(2009), Public Finance, Jai Prakash Nath Pub. Meerat (UP)



Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities Major in Economics

Post Graduate - Second Year Programme, Semester Third

Course Code: HECOC 622

Course Title: International Trade and Finance – I (*Major*)

Curriculum Details (for 4 Credits)

Course pre-requisites:

1. Preliminary knowledge of micro and macro economics
2. Basic understandings in the global institutions

Course Objectives:

1. To make student familiar with Balance of payment, foreign exchange market and exchange rate
2. To give emphasize on International Monetary System
3. To highlight the trade policies in India
4. To equip students with the recent knowledge of international economics

Course Outcomes:

1. This course is useful in understanding the structure and status of balance of payment
2. Learners will aware of exchange rate market and its functioning
3. Learners will aware of the traditional and current international monetary system
4. This course is useful in understanding the trade policies in India

Module 1: Theories of International Trade

(12 Sessions)

- 1.1 The Classical theory- the Mercantilists views on trade
- 1.2 Absolute and Comparative Advantage- Gains from trade,
- 1.3 Factor-price equalization theorem
- 1.4 Heckscher-Ohlin theory of trade; Technology differences
- 1.5 Contract curve and explanation with Edgeworth box diagram

Module 2: Trade Restrictions: Tariffs

(12Sessions)

- 2.1 Meaning and Types of tariffs
- 2.2 Partial equilibrium analysis of tariff
- 2.3 The theory of tariff structure: the rate of effective protection
- 2.4 General equilibrium analysis of a tariff in a small country
- 2.5 General equilibrium analysis of a tariff in a large country and the optimum tariff

Module 3: Non-Tariff Trade Barriers: (12 Sessions)

3.1 Import Quotas: Effect of Import Quota, Comparison of Import Quota and Import Tariff

3.2 Voluntary Export Restraints, Technical Administrative & Other Regulations

3.4 International Cartels, Dumping, Export Subsidies

3.5 The Political Economy of Protectionism, Strategic Trade and Industrial Policies, The Uruguay Round, Trade Problems and the Doha Round

Module 4: Economic Integrations (12 Sessions)

4.1 Types of Economic Integrations- Free Trade Area, Custom Union, Common Market, Economic Union, Free Economic Zones

4.2 Trade Creating Custom Union, Trade Diverting Custom Union

4.3 Theory of the Second Best

4.4 History of Attempts at Economic Integration- The European Union, The European Free Trade Association, The North American and Other Free Trade Agreements

4.5 Attempts at Economic Integration among Developing Countries

Module 5: International Trade and Economic Development (12 Sessions)

5.1 The Importance of Trade to Development,

5.2 The Terms of Trade and Economic Development- Various Types of ToT

5.3 Export Instability and Economic Development,

5.4 Import Substitution versus Export Orientation

5.5 Motives for International Capital Flow, Welfare Effects of International Capital Flows

5.6 Motives for and Welfare Effects of International Labour Migration, Current Problems Facing Developing Countries

References:

- Bhagwati J., International Trade, Cambridge University Press
- Bhagwati, J. (Ed.) (1981), International Trade, Selected Readings, Cambridge University Press, Massachusetts
- Carbough, R. J. (1999), International Economics, International Thompson Publishing, New York

- Chacholiades, M. (1990), International Trade: Theory and Policy, McGraw Hill, Kogakusha, Japan
- Dana, M.S. (2000), International Economics: Study, Guide and work Book, (5th Edition), Routledge Publishers, London
- Dunn, R. M. and J. H. Mutti (2000), International Economics, Routledge, London.
- Joshi V. and I.M.D. Little (1998), India's Economic Reforms, 1999-2000, Oxford University Press, New Delhi
- Kenen, P. B. (1994), The International Economy, Cambridge University Press, London
- Dominick Salvatore, International Economics, John Wiley & Sons (Asia)
- Kindleberger, C. P. (1973), International Economics, R. D. Irwin, Homewood
- Krugman , P. R. and M. Obstfeld (1994), International Economics: Theory and Policy, Glenview, Foresman
- Patel, S. J. (1995), Indian Economy Towards the 21st Century, University Press, Ltd., India.
- Satyanarayan, B. (1986), India's Trade with Asia and The Far East Countries, B. R. Pub. Corp., New Delhi
- Soderstain and John Reed: International Economics, McGraw Pub
- Verma, M. L., (1995), International Trade, Vikas Publishing House Pvt. Ltd., Delhi



Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities Major in Economics

Post Graduate - Second Year Programme, Semester Third

Course Code: HECOC 623

Course Title: Lab Work-I (*Major*)

Curriculum Details (for 4 Credits)

Course pre-requisites:

1. Preliminary knowledge of data
2. Basic understandings in the computers

Course Objectives:

- 1) Develop the ability to handle the MS-Excel
- 2) Develop the ability to compute different statistical analysis using MS-Excel
- 3) Develop the ability to choose and identify appropriate statistical technique for interpretation of given data
- 4) Develop the ability to interpret the results and outcomes

Course Outcomes:

- 1) Learner will be able to handle MS-Excel
- 2) Learner will be able to identify the appropriate statistical technique for the data interpretation and analysis
- 3) Learner will be able to interpret the data in appropriate way
- 4) Learner will be able to interpret results/outcomes using MS-Excel

Exercise-1: Create a spreadsheet to organize and manipulate a dataset containing, Serial Number, Name of the Student, Gender, Category, Previous Class, Satisfaction level of previous course, Rank in the entrance exam, Age, Height, and Weight for at least 40 students randomly. Identify the types of the variables. Generate new variables providing 'Codes' to appropriate variables in MS-Excel.

Exercise -2: Use the generated data in exercise-1 and perform 'Conditional Formatting' in MS-Excel to understand different data cleaning techniques. Interpret the output/results in the record book

Exercise -3: Use the generated data in exercise-1 and perform Basic Function in MS-Excel like ‘Go To’, ‘Sort’ ‘Count’, ‘Less Than’, ‘Greater Than’. Interpret the output/results in the record book

Exercise -4: Use the generated data in exercise-1 and obtain the ‘Frequency Tables’ for nominal, ordinal and scale variables using Pivot Table in MS-Excel. Interpret the output/results in the record book

Exercise -5: Use the generated data in exercise-1 and obtain the ‘Cross Tables’ for nominal, ordinal and scale variables using Pivot Table in MS-Excel. Interpret the output/results in the record book

Exercise -6: Use the generated data in exercise-1 and obtain the ‘Stem & Leaf Display’ for appropriate variables using Pivot Table in MS-Excel. Interpret the output/results in the record book

Exercise -7: Use the generated data in exercise-1 and obtain the different Charts (Bar, Column, Pie, Doughnut) for Nominal Variables using Pivot charts/Charts in MS-Excel. Interpret the output/results in the record book

Exercise -8: Use the generated data in exercise-1 and obtain the different Charts for Ordinal variables using Pivot charts/Charts in MS-Excel. Interpret the output/results in the record book

Exercise -9: Use the generated data in exercise-1 and obtain the different Charts for Scale Variables using Pivot charts/Charts in MS-Excel. Interpret the output/results in the record book

Exercise -10: Use the generated data in exercise-1 and obtain the ‘Stacked Column/Bar Chart’ and ‘Clustered Column/Bar Chart’ using Pivot charts/Charts in MS-Excel. Interpret the output/results in the record book

Exercise -11: Use the generated data in exercise-1 and obtain the ‘Scatter Line’ on appropriate variables using Pivot charts/Charts in MS-Excel. Interpret the output/results in the record book

Exercise -12: Use the generated data in exercise-1 and obtain ‘Arithmetic Mean’ values for appropriate variables in MS-Excel. Interpret the output/results in the record book.

Exercise -13: Use the generated data in exercise-1 and obtain ‘Median’ and ‘Mode’ values for appropriate variables in MS-Excel. Interpret the output/results in the record book.

Exercise -14: Use the generated data in exercise-1 and obtain ‘Median’ and ‘Mode’ values for appropriate variables in MS-Excel. Interpret the output/results in the record book.

Exercise -15: Use the generated data in exercise-1 and obtain ‘Max’, ‘Min’, and ‘Range’ values for appropriate variables in MS-Excel. Interpret the output/results in the record book.

Exercise -16: Use the generated data in exercise-1 and obtain ‘Quartile1’, ‘Quartile2’, ‘Quartile3’, and ‘Quartile Deviation’ values for appropriate variables in MS-Excel. Interpret the output/results in the record book.

Exercise -17: Use the generated data in exercise-1 and obtain ‘Standard Deviation’ values for appropriate variables in MS-Excel. Interpret the output/results in the record book.

Exercise -18: Use the generated data in exercise-1 and obtain ‘Skewness’ values for appropriate variables in MS-Excel. Interpret the output/results in the record book.

Exercise -19: Use the generated data in exercise-1 and obtain ‘Kurtosis’ values for appropriate variables in MS-Excel. Interpret the output/results in the record book.

Exercise -20: Import the data generated in exercise-1 into SPSS. Verify and re-define all the variables using ‘Variable View’. Provide codes to appropriate variables.

Note:

- 1) Faculty will demonstrate each and every exercise in the computer lab.
- 2) There will be 20 practical exercises which are needed to be resolved using computers desktop/laptop by the student.

- 3) Students are needed to maintain a record book where they will elaborate every exercise using following five points:
 - a) Objectives of the exercise
 - b) Pre-Requisites of the exercise
 - c) Principles/Concepts involved
 - d) Procedure adopted
 - e) Interpretation and analysis of the result
- 4) Students are needed to submit their record book (in hard copy) along with treated data (in soft copy) towards a faculty.
- 5) Each exercise is expected to be accomplished in 03 sessions



Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities Major in Economics

Post Graduate - Second Year Programme, Semester Third

Course Code: HECOE 621

Course Title: Econometrics – I

Curriculum Details (for 4 Credits)

Course pre-requisites:

1. Basic knowledge of economic relationships
2. Basic knowledge of statistics and mathematical economics

Course Objectives:

1. To acquaint students with the basic knowledge in econometrics.
2. To make students compatible for using the regression models.
1. To equip students to understand the problems of auto-correlation, heteroscedasticity and Multicollinearity.
2. To familiarize students with dummy variable techniques and modeling.

Course Outcomes:

1. Students will have compatible knowledge of the basic econometrics.
2. Students will use the regression models to study the relationships between variables.
3. Learners would understand the problems in regression analysis like: auto-correlation, heteroscedasticity and multicollinearity.
4. Students will be familiar to dummy variable techniques and modeling.

Module 1: Basic Econometrics

(12 Hours)

- 1.1 Meaning, nature, scope and importance
- 1.2 Methodology of Econometrics
- 1.3 Types, sources and accuracy of data
- 1.4 Regression- Constant, Parameter and Variables

Module 2: Simple and Multiple Regression Models

(12 Hours)

- 2.1 Simple Linear Regression Model- OLS estimation and goodness of fit r^2
- 2.2 Assumption of Classical Linear Regression Model
- 2.3 BLUE Properties of Estimators (Gauss-Markov Theorem)

2.4 Multiple Linear Regression Model- OLS estimation, R^2 and Adjusted R^2

Module 3: Autocorrelation

(12 Hours)

3.1 Meaning and Causes, the first order autoregressive scheme

3.2 Effects of autocorrelation on OLS estimator

3.3 Detecting the presence of autocorrelation

3.4 Remedial measures on autocorrelation problem

Module 4: Heteroscedasticity and Multicollinearity

(12 Hours)

4.1 Meaning, causes and effects of heteroscedasticity

4.2 Detection of heteroscedasticity and remedies

4.3 Meaning, causes and effects of multicollinearity

4.4 Detection of multicollinearity and remedies

Module 5: Dummy Variables Technique

(12 Hours)

5.1 Concept of Dummy Variables

5.2 Regression Analysis with Dummy Variables

5.3 Uses of Dummy Variables

5.4 Concept of Dummy Variable Trap

References:

- Anderson, T.W. (1958), Introduction to Multivariate Statistical Analysis, Chapman and hall, London
- Chow G.C. (1983), Econometrics, Mcgraw Hill, New York
- Franses P. H. (1998), Time Series Models for Business and Economic Forecasting, Cambridge Press, New York
- Gujarati, D. N. (2008), Basic Econometrics (Fourth Edition), Mc Graw Hill, New Delhi
- Goldberger, A. S. (1998), Introductory Econometrics, Harvard University press, Cambridge, Mass
- Intrilligator M. D. (1997), Econometric Methods, Techniques and Applications, Prentice Hall, Englewood Cliffs, New Jersey
- Jeffery M. Wooldridge (2010) Econometric Analysis for Cross Section and Panel Data, The MIT Press Cambridge, Massachusetts London, England
- Johnston, J. (1991) Econometric methods, Mcgraw Hill book Co. London
- Koutsoyiannis, a (1977), Theory of Econometrics (2nd edition), The Macmillan Press Ltd., London
- Krishna, K. L. (1997), Econometric Applications in India, Oxford University Press, New Delhi
- Maddala, G. S. (1997), Econometrics, Mcgraw Hill, New York



Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities Major in Economics

Post Graduate -Second Year Programme, Semester Third

Course Code: HECOE 622

Course Title: Financial Institutions and Market–I

Curriculum Details (for 4 Credits)

Course pre-requisites:

1. Basic knowledge of economics.
2. Basic knowledge of finance and market.

Course Objectives:

- 1) To acquaint students with banking institutions in India.
- 2) To familiarize student with the Insurance sector and capital market.
- 3) To make student aware about the international financial market.
- 4) To make student aware about recent development in financial market.

Course Outcomes:

- 1) Students would understand the different banking and financial institutions.
- 2) Enabling students to know the Insurance sector in India.
- 3) Students will have an idea about Indian capital market.
- 4) Learners will be familiar with international financial market.
- 5) Learners will be aware about recent trends in financial market.

Module 1: Banking and Financial Institutions

(12 Hours)

- 1.1 Overview of the Indian banking system: Public sector banks, Private sector banks, cooperative bank and foreign banks
- 1.2 Banking sector reform after 1991
- 1.3 RBI – objectives, functions and monetary policy
- 1.4 Development of financial institutions in India
- 1.5 Non-Banking Financial Institutions – Nature, Scope, Significance and Types

Module 2: Insurance Sector in India

(12 Hours)

- 2.1 Meaning, Types, and Principles of Insurance.
- 2.2 Growth of Insurance sector in India; Insurance and Economic growth.
- 2.3 Liberalization of Insurance sector.
- 2.4 IRDA- Role, Objectives, and Function.

Module 3: Indian Capital Market**(12 Hours)**

- 3.1 Nature and Participants of Indian capital market.
- 3.2 Instruments in capital market.
- 3.3 Stock market.
- 3.4 Role of SEBI as regulator.

Module 4: International Financial Market**(12 Hours)**

- 4.1 Foreign exchange market.
- 4.2 Forms of Foreign capital – FDI, FPI, and Sovereign wealth fund.
- 4.3 Functions and workings of IMF, World Bank, IBRD, ADB, BIS, IDA, IFC.
- 4.4 International currency and their market and their role in development in international market.

Module 5: Recent Development, Trends and challenges in Financial Market**(12 Hours)**

- 5.1 Overview of fintech startups in India, Online trading; Online Insurance.
- 5.2 Digital payments revolution.
- 5.3 Disruptive technologies and their impact on traditional financial institutions.
- 5.4 NPA (Non-Performing Assets) in Banking sector; Regulatory challenges and reforms needed.

References:

- Bhole, L.M., Financials Institutions and Markets, Tata McGraw Hill Company, New Delhi.
- Bhole, L.M., Indian Financial System, Chugh Publications, Allahabad.
- David G. Luenberger (1998). Investment science, Oxford University Press.
- Goldsmith, R.W., Financial Structure and Development, Yale, London.
- Houthkkar H.S. and Williamson P.J. (1996) The Economics of Financial Market, Oxford University Press.
- John Hull Futures, Options and other Derivative Securities, McGraw Hill.
- Jhonson, H.J. Financial Institutions and Markets, McGraw Hill, New York.
- Khan, M.Y. Indian Financial System, Tata McGraw Hill, New Delhi.
- Ross Stephan and Rudolf W.W. (1998). Fundamentals of Corporate Finance, McGraw Hill International Ed.



Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities Major in Economics

Post Graduate - Second Year Programme, Semester Fourth

Course Code: HECOF 621

Course Title: Research Project (Field Survey)

Curriculum Details (for 4 Credits)

Course pre-requisites:

1. Preliminary knowledge of research methodology
2. Basic knowledge of steps in research

Course Objectives: Learning

1. To understand the procedure of field survey, its design and instruments
2. To develop an understanding of sampling techniques
3. To study the methods of survey based data collection
4. To make student aware about analysis and interpretation of surveyed data

Course Outcomes:

1. This course makes the student capable to understand the procedure of field survey, its design and instruments used in research.
2. Useful in understanding the concept of sampling techniques for scientific data collection.
3. Develops an understanding about the methods of survey based data collection.
4. On successful completion of this course the student will understand the analysis and interpretation of surveyed data

Steps:

- Student will have to accomplish five exercises mentioned in the detailed syllabus. There will be counseling sessions for each exercise by a faculty member.
- Student will have to choose field survey topic of his own interest in consultation with faculty supervisor
- Student will have to finalize the survey instrument and survey logistic in consultation with the faculty
- Student will have to finalize the sample size and sampling method.
- Student will have to conduct a pilot survey & revisit the survey instrument
- Collection of data through field survey
- Report writing by the students & final presentation in front of experts

Detailed Syllabus:

Exercise-1: Decision on the topic for field survey in consultation with faculty

Counseling Sessions on: (12 hours)

1) Introduction to Field Surveys

1.1 Overview of field survey methodology

1.2 Role of field surveys in economic research

1.3 Ethical considerations in survey research

1.4 Types of survey designs: cross-sectional, longitudinal, and panel surveys

Exercise-2: Finalizing the survey instrument and survey logistic.

Counseling Sessions on: (12 hours)

2) Survey Design and Instrument Development

2.1 Principles of survey design

2.2 Developing survey instruments: questionnaires and interview guides

2.3 Pretesting and piloting survey instruments

2.4 Survey logistics and administration

Exercise-3: Finalizing the sample size and sampling method. Conduct a pilot survey & revisit the survey instrument

Counseling Sessions on: (12 hours)

3) Sampling Techniques

3.1 Principles of sampling in survey research

3.2 Probability sampling methods: simple random sampling, stratified sampling, cluster sampling

3.3 Non-probability sampling methods: convenience sampling, quota sampling

3.4 Sample size determination and power analysis

Exercise-4: Collection of data through field survey

Counseling Sessions on: (12 hours)

4) Data Collection Methods

4.1 Face-to-face interviews

4.2 Telephone surveys

4.3 Online surveys

4.4 Field experiments and observational studies

4.5 Managing fieldwork logistics and field teams

Exercise-5: Data interpretation and preparation of survey report

Counseling Sessions on:

(12 hours)

5) Data Analysis and Interpretation

5.1 Data cleaning and preparation

5.2 Descriptive analysis of survey data

5.3 Regression analysis and econometric techniques for survey data

5.4 Interpreting survey results and drawing conclusions

5.5 Communicating survey findings effectively

Note:

- ❖ Each module will include a mix of lectures, readings, class discussions, and hands-on exercises to reinforce learning objectives.
- ❖ Guest lectures by survey researchers and practitioners may be incorporated to provide real-world perspectives.

References:

- Creswell, J. W. (2014). *Research Design: Qualitative, Quantitative, and Mixed Methods Approaches*. Sage Publications.
- Yin, R. K. (2018). *Case Study Research and Applications: Design and Methods*. Sage Publications.
- Bryman, A. (2016). *Social Research Methods*. Oxford University Press.
- Neuman, W. L. (2013). *Social Research Methods: Qualitative and Quantitative Approaches*. Pearson Education.
- Patton, M. Q. (2014). *Qualitative Research & Evaluation Methods: Integrating Theory and Practice*. Sage Publications.
- Babbie, E. R. (2016). *The Practice of Social Research*. Cengage Learning.
- Cohen, L., Manion, L., & Morrison, K. (2017). *Research Methods in Education*. Routledge.
- Marshall, C., & Rossman, G. B. (2015). *Designing Qualitative Research*. Sage Publications.
- Silverman, D. (2016). *Qualitative Research*. Sage Publications.
- Punch, K. F. (2013). *Introduction to Social Research: Quantitative and Qualitative Approaches*. Sage Publications.

- Denzin, N. K., & Lincoln, Y. S. (Eds.). (2017). *The Sage Handbook of Qualitative Research*. Sage Publications.
- Morse, J. M. (2015). *Critical Issues in Qualitative Research Methods*. Sage Publications.
- Maxwell, J. A. (2012). *Qualitative Research Design: An Interactive Approach*. Sage Publications.
- Miles, M. B., Huberman, A. M., & Saldana, J. (2013). *Qualitative Data Analysis: A Methods Sourcebook*. Sage Publications.
- Flick, U. (2018). *An Introduction to Qualitative Research*. Sage Publications.
- Rubin, A., & Babbie, E. R. (2016). *Empowerment Series: Research Methods for Social Work*. Cengage Learning.
- Merriam, S. B., & Tisdell, E. J. (2015). *Qualitative Research: A Guide to Design and Implementation*. Jossey-Bass.
- Seale, C. (2012). *Researching Society and Culture*. Sage Publications.
- Vogt, W. P., Gardner, D. C., & Haeffele, L. M. (2014). *When to Use What Research Design*. Guilford Press.
- Rubin, A., & Babbie, E. R. (2016). *Research Methods for Social Work*. Cengage Learning.



Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities Major in Economics

Post Graduate - Second Year Programme, Semester Fourth

Course Code: HECOC 671

Course Title: Public Economics – II (Major)

Curriculum Details (for 4 Credits)

Course pre-requisites:

1. Meaning, nature and importance of public sector
2. Basic knowledge of public policy

Course Objectives: Learning

1. To understand the procedure of government budgeting
2. To develop an understanding of the fiscal policy
3. To study the concept of deficit financing and its effects on Indian economy
4. To understand the fiscal federalism in India

Course Outcomes:

1. This course makes the student capable to understand the procedure of government budgeting and concepts of deficits and their implications.
2. Useful in understanding the concept of deficit financing, trend in different types of deficits and effects of deficit financing on Indian economy.
3. Develops an understanding about the interdependence between monetary and fiscal policy and the stabilization through fiscal policy.
4. On successful completion of this course the student will understand the fiscal federalism in India.

Module 1: Government Budgeting

(12 Hours)

- 1.1 Meaning and components of budget
- 1.2 Budgetary procedure - preparation, presentation and execution of budget
- 1.3 Various concepts of budget deficits and their implications
- 1.4 Assessment of the recent central government budget

Module 2: Deficit Financing

(12 Hours)

- 2.1 Meaning and objectives of deficit financing
- 2.2 Methods of deficit financing in India
- 2.3 Effects of deficit financing on Indian economy
- 2.4 Trends in different types of deficits since 1991

Module 3: Fiscal Policy**(12 Hours)**

- 3.1 Meaning, objectives and importance
- 3.2 Fiscal policy for stabilization - automatic vs. discretionary stabilizers
- 3.3 Recent fiscal policy in India
- 3.4 Fiscal imbalance - indicators, causes, effects and remedial measures

Module 4: Fiscal Federalism**(12 Hours)**

- 4.1 Meaning, nature and types
- 4.2 Assignment of function and sources of revenue - constitutional provisions
- 4.3 Finance commission and transfer of resources
- 4.4 Centre-state financial relationship in India

Module 5: Local Finances**(12 Hours)**

- 5.1 Meaning and importance
- 5.2 Panchayat Raj System: functions and revenue resources
- 5.3 73rd and 74th Amendment Act
- 5.4 Transfer of resources from union and state to local bodies

References:

- Atkinson, A. B. and J. E. Stiglitz (1980), Lectures on Public Economics, Tata McGraw Hill, New York
- Auerbach, A. J. and M. Feldstern (Eds.) (1985), Handbook of Public Economics, Vol. I, North Holland, Amsterdam
- Buchanan, J. M. (1970), The Public Finances, Richard D. Irwin, Homewood
- Jha H. (1998), Modern Public Economics, Routledge, London
- Lekhi R.K. Public Finance, Kalyani Publication, New Delhi
- Mundell, S. (1999), Public Finance Policy: Issues for India, Oxford University Press, New Delhi
- Richard A. Musgrave (1989), Public Finance in Theory and Practice McGraw Hill Book Company, New York.
- Ruddar Datt and K.P.M. Sundharam (2010), Indian Economy, S.C.Chand and Company Ltd, New Delhi.
- Singh S.K. (2007) Public Finance in Developed and Developing Countries, S.Chand and Company Ltd, New Delhi
- Singh, T. (2000), The Corporation Tax in India, Classical Publishing Company, New Delhi
- Tripathy R.N.(2000) Public Finance in Underdeveloped Countries
- Tyagi B.P.(2009), Public Finance, Jai Prakash Nath Pub. Meerat (UP)



Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities Major in Economics

Post Graduate - Second Year Programme, Semester Fourth

Course Code: HECOC 672

Course Title: International Trade and Finance – II (*Major*)

Curriculum Details (for 4 Credits)

Course pre-requisites:

1. Preliminary knowledge of micro and macro economics
2. Basic understandings in the global institutions

Course Objectives:

1. To acquaint students with the background of international trade and finance
2. To make student familiar with the theories of international trade
3. To highlight the different trade barriers in international trade
4. To give emphasize on different international institutions and unions

Course Outcomes:

1. This course is useful in understanding the trade theories
2. Learners will aware of the trade barriers in international trade
3. This course is useful in understanding the functioning of the international institutions
4. To equip students with the recent knowledge of international economics

Module 1: Balance of Payment

(12 Sessions)

- 1.1 Meaning and structure of BOP
- 1.2 BOP accounting; Equilibrium and disequilibrium in the BOP
- 1.3 Marshall-Lerner elasticity approach, J-Curve Effect, Absorption approach
- 1.4 Reducing and expenditure-switching policies in an open economy
- 1.5 Internal External Balance, Swan model, Foreign trade multiplier

Module 2: Foreign Exchange Markets and Exchange Rate

(12 Sessions)

- 2.1 Meaning of Exchange Rate and Functions of the Foreign Exchange Markets
- 2.2 Equilibrium Foreign Exchange Rates and Exchange Rate and Balance of Payment

- 2.3 Spot and forward rates, foreign currency swaps, futures and options, foreign exchange risk-
Hedging and speculation
- 2.4 Exchange rate bands, Adjustable pegs, Crawling pegs and Managed floating
- 2.5 Eurocurrency and offshore financial markets, International bond market

Module 3: Exchange Rate Determination: (12 Sessions)

- 3.1 Exchange rate determination
- 3.2 Purchasing Power Parity Theory: Absolute and Relative Purchasing Power Parity
- 3.3 Monetary Approach to Balance of Payments and Exchange Rates
- 3.4 Portfolio Balance Model and Exchange Rate
- 3.5 Exchange Rate Dynamics

Module 4: International Monetary System (12 Sessions)

- 4.1 Gold standard and interwar period
- 4.2 Bretton wood system, operation and evolution of Bretton Wood system
- 4.3 Collapse of Bretton Wood system
- 4.4 Current operations and problems with present international monetary system

Module 5: Major International Organizations/Institutions (12 Sessions)

- 5.1 International Monetary Fund (IMF): Origin, Objectives, Functions, Achievements & Criticism, Impact on India
- 5.2 World Bank-Origin, Objectives, Functions, Achievements & Criticism, Impact on India
- 5.3 General Agreement on Trade & Tariff (GATT)- Origin, Objectives, Functions, Achievements & Criticism, Impact on India
- 5.4 World Trade Organization (WTO)- Origin, Objectives, Functions, Achievements & Criticism, Impact on India

References:

- Bhagwati J., International Trade, Cambridge University Press
- Bhagwati, J. (Ed.) (1981), International Trade, Selected Readings, Cambridge University Press, Massachusetts

- Carbough, R. J. (1999), International Economics, International Thompson Publishing, New York
- Chacholiades, M. (1990), International Trade: Theory and Policy, McGraw Hill, Kogakusha, Japan
- Dana, M.S. (2000), International Economics: Study, Guide and work Book, (5th Edition), Routledge Publishers, London
- Dunn, R. M. and J. H. Mutti (2000), International Economics, Routledge, London.
- Joshi V. and I.M.D. Little (1998), India's Economic Reforms, 1999-2000, Oxford University Press, New Delhi
- Kenen, P. B. (1994), The International Economy, Cambridge University Press, London
- Dominick Salvatore, International Economics, John Wiley & Sons (Asia)
- Kindleberger, C. P. (1973), International Economics, R. D. Irwin, Homewood
- Krugman , P. R. and M. Obstfeld (1994), International Economics: Theory and Policy, Glenview, Foresman
- Patel, S. J. (1995), Indian Economy Towards the 21st Century, University Press, Ltd., India.
- Satyanarayan, B. (1986), India's Trade with Asia and The Far East Countries, B. R. Pub. Corp., New Delhi
- Soderstain and John Reed: International Economics, McGraw Pub
- Verma, M. L., (1995), International Trade, Vikas Publishing House Pvt. Ltd., Delhi



Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities Major in Economics

Post Graduate - Second Year Programme, Semester Fourth

Course Code: HECOC 673

Course Title: Lab Work (*Major*)

Curriculum Details (for 2 Credits)

Course pre-requisites:

1. Preliminary knowledge of MS-Excel
2. Basic understandings in the Statistics

Course Objectives:

1. Develop the ability to handle SPSS software
2. Develop the ability to draw different statistical analysis using SPSS software
3. Develop the ability to choose or identify appropriate statistical technique for interpretation of given data
4. Develop the ability to interpret the results and outcomes

Course Outcomes:

1. Learner will be able to handle the SPSS software
2. Learner will be able to identify the appropriate statistical technique for the data interpretation and analysis
3. Learner will be able to interpret the data in appropriate way
4. Learner will be able to interpret results/outcomes using SPSS

Exercise-1: Insert the data on following variables of at least 40 random respondents in SPSS: Serial Number, Name of the Student, Gender, Category, Previous Class, Satisfaction level of previous course, Rank in the entrance exam, Age, Height, and Weight. Generate the 'Frequency Tables' for appropriate variables in SPSS

Exercise -2: Use the generated data in exercise-1 and obtain the 'Cross Tables' for nominal, ordinal and scale variables in SPSS. Interpret the output/results in the record book

Exercise -3: Use the generated data in exercise-1 and obtain the 'Stem & Leaf Display' for scale variables in SPSS. Interpret the output/results in the record book

Exercise -4: Use the generated data in exercise-1 and obtain the different 'Charts' for nominal, ordinal and scale variables in SPSS. Interpret the output/results in the record book

Exercise -5: Use the generated data in exercise-1 and obtain the values for 'Descriptive Statistics' in SPSS. Interpret the output/results in the record book

Exercise -6: Type 30 sample respondents' information with earnings of fresh management graduates and consider Rs. 75000/- as average salary of top five management colleges in MS-Excel. Import the file in SPSS. Perform 'One Samples t-test' and interpret the result

Exercise-7: Generate 50 sample student respondents' information of marks from different two courses. Type it in MS-Excel. Import the file in SPSS. Perform 'Independent Samples t-test' and interpret the result

Exercise-8: Generate 40 sample student respondents' information of marks before and after coaching in particular year. Type it in MS-Excel. Import the file in SPSS. Perform 'Dependent Samples t-test' (Paired Samples t-test) and interpret the result

Exercise-9: Record the marks obtained by students from three different schools in an IQ test. Sample of 10 students from each School are taken. Import such data in SPSS. Perform 'One Way ANOVA between Groups' and interpret the results

Exercise-10: Generate hypothetical data on weekly family consumption expenditure (as dependent variable) and weekly family income (Independent Variable) of 40 respondents in MS-Excel. (One can go for more than 01 IV) Import the data into SPSS. Obtain 'Correlation', 'Scatter Diagram' and 'Regression Equation'. Interpret the result.

Note:

- 1) Faculty will demonstrate each and every exercise in the computer lab.
- 2) There will be 10 practical exercises which are needed to be resolved using computers desktop/laptop by the student.

- 3) Students are needed to maintain a record book where they will elaborate every exercise using following five points:
 - f) Objectives of the exercise
 - g) Pre-Requisites of the exercise
 - h) Principles/Concepts involved
 - i) Procedure adopted
 - j) Interpretation and analysis of the result
- 4) Students are needed to submit their record book (in hard copy) along with treated data (in soft copy) towards a faculty.
- 5) Each exercise is expected to be accomplished in 03 sessions



Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities Major in Economics

Post Graduate –Second Year Programme, Semester Fourth

Course Code: HECOE 671

Course Title: Econometrics – II

Curriculum Details (for 4 Credits)

Course pre-requisites:

1. Basic knowledge of economic relationships
2. Basic knowledge of Statistics and mathematical economics

Course Objectives:

1. To elaborate students about the dynamic econometric models.
2. To equip students to identify and solve the simultaneous equation models
3. To develop an understanding of learners in time series analysis.
4. To familiarize students with panel data techniques.

Course Outcomes:

1. Students would understand the use of dynamic econometric models.
2. Students will identify and solve the simultaneous equation models.
3. Understanding of learners in time series analysis will be developed.
4. Learners will be familiar with the panel data techniques.

Module 1: Dynamic Econometric Models

(12 Hours)

- 1.1 Finite, Infinite lag distribution and Autoregressive model
- 1.2 Koyak approach to distributed lag model
- 1.3 Partial adjustment model, Adaptive expectations model and instrumental variables
- 1.4 Almon approach to distributed-lag model

Module 2: Simultaneous Equation Models

(12 Hours)

- 2.1 Introduction and example
- 2.2 Structural form and Reduced form
- 2.3 The simultaneous equation bias and inconsistency of OLS estimators
- 2.4 Estimating simultaneous equation system- Recursive method and OLS, ILS and 2LS

Module 3: The Identification Problem**(12 Hours)**

- 3.1 Meaning and types of Identification
- 3.2 The Order Condition of Identifiability
- 3.3 The Rank condition of identifiability
- 3.4 A Test of Simultaneity- Hausman Specification Test

Module 4: Time Series Analysis**(12 Hours)**

- 2.1 Stochastic Processes- Stationary and Non stationary
- 2.2 Integrated Stochastic Process, Unit Root Test
- 2.3 Cointegration and Engle Granger Test
- 4.4 Forecasting- ARIMA modeling, Box-Jenkins methodology and Vector Auto-regression

Module 5: Panel Data Techniques**(12 Hours)**

- 5.1 Panel Data: Meaning and Necessity
- 5.2 Panel Data an Illustrative Examples
- 5.3 Estimation of Panel Data Regression Model: Fix Effects Approach
- 5.4 Estimation of Panel Data Regression Model: Random Effect Approach

References:

- Anderson, T.W. (1958), Introduction to Multivariate Statistical Analysis, Chapman and hall, London
- Chow G.C. (1983), Econometrics, Mcgraw Hill, New York
- Dhrymes, P. J. (1970), Econometrics---Statistical foundations and applications, Harper and row Publishers, New York
- Franses P. H. (1998), Time Series Models for Business and Economic Forecasting, Cambridge Press, New York
- Gujarati, D. N. (2008), Basic Econometrics (Fourth Edition), Mc Graw Hill, New Delhi
- Goldberger, A. S. (1998), Introductory Econometrics, Harvard University press, Cambridge, Mass
- Intrilligator M. D. (1997), Econometric Methods, Techniques and Applications, Prentice Hall, Englewood Cliffs, New Jersey
- Jeffery M. Wooldridge (2010) Econometric Analysis for Cross Section and Panel Data, The MIT Press Cambridge, Massachusetts London, England
- Johnston, J. (1991) Econometric methods, Mcgraw Hill book Co. London
- Koutsoyiannis, a (1977), Theory of Econometrics (2nd edition), The Macmillan Press Ltd., London
- Krishna, K. L. (1997), Econometric Applications in India, Oxford University Press, New Delhi
- Maddala, G. S. (1997), Econometrics, Mcgraw Hill, New York



Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities Major in Economics

Post Graduate –Second Year Programme, Semester Fourth

Course Code: HECOE 672

Course Title: Financial Institutions and Market-II

Curriculum Details (for 4 Credits)

Course pre-requisites:

1. Basic knowledge of Securities.
2. Basic knowledge of Finance and Market.

Course Objectives:

1. To acquaint students with debt and equity instruments.
2. To give an idea about securities market.
3. To familiarize student with the portfolio theory.
4. To make student aware about derivative market.
5. To Expose student to contrarian investment strategies.

Course Outcomes:

1. Students would understand to differentiate between debt and equity instruments.
2. Enabling students to know the stock market and investment approaches.
3. Students will have an idea about portfolio theory.
4. Learners will be familiar with derivative market.
5. Students will be equipped with diverse investment strategies.

Module 1: An Introduction to Securities

(12 Hours)

- 1.1 Meaning, features, and Types of securities, corporate securities.
- 1.2 Meaning, Features, and Types of Bonds.
- 1.3 Debt Vs Equity; Financial Ratios.
- 1.4 Regulations governing supply of securities.

Module 2: Securities Market and Investment Approaches

(12 Hours)

- 2.1 Stock market, Commodity market, Over the Counter Market, Stock Indices.
- 2.2 Approaches to investment-fundamental analysis approach and Technical Approach.
- 2.3 Modern Portfolio Approach.
- 2.4 Efficient Market Hypothesis (EMH)-Weak, Semi Strong, and Strong form.

Module 3: Portfolio Theory and Derivative Market

(12 Hours)

- 3.1 Asset Return, Risks and Return, Portfolio Management.
- 3.2 Capital Asset Pricing Model, Arbitrage Pricing Theory.
- 3.3 Meaning and Types of Derivatives.
- 3.4 Hedgers, Speculators, and Arbitrageurs.

Module 4: Swap and Options Markets

(12 Hours)

- 4.1 Meaning, Features and Types of Swaps.
- 4.2 Meaning, Features and Types of Options.
- 4.3 Stock Options and Pay offs from Buying and Selling options.
- 4.4 Trading Strategies.

Module 5: Strategies of the Great Masters: The Timeless Wisdom

(12 Hours)

- 5.1 Warren Buffet: The Ultimate Businessman.
- 5.2 George Soros: The Global Speculator.
- 5.3 David Dreman: The Contrarian Investor.
- 5.4 Nassim Taleb- Barbell Strategies.

References:

- Bernstein, Leopold A. and J.J. Wild, Financial Statement Analysis, Irwin McGraw-Hill, 2006.
- Darst, David, The Art of Asset Allocation, 2/e, Tata McGraw Hill, 2008.
- Dubofsky, David, Options and Financial Futures, McGraw-Hill, 1992.
- Edwards, R.P. and J. Magee, Technical Analysis of Stock Trends, John Magic Inc., 1964.
- Elton, Edwin and M.J. Gruber, Modern Portfolio Theory and Investment Analysis, John Wiley and Sons, 1999.
- Fabozzi, Frank J. and F. Modigliani, Capital Markets, Prentice-Hall, 2008,
- Fabozzi, Frank J., Bond Markets, Analysis and Strategies, Prentice-Hall, 2010.
- Kolb, Robert W., Understanding Futures Market, Prentice-Hall of India, 2006.
- Maginn, John L. and Donald L. Tuttle, Managing Investment Portfolio: A Dynamic Process, Warren, Gorham and Lamont, 1990.

- Raghunathan, V., Stock Exchanges and Investments: Straight Answers to 125 Nagging Questions, Tata McGraw-Hill, 2007.
- Soros, George, The Alchemy of Finance, Simon and Schuster, 1987.
- Strong, Robert A., Portfolio Construction, Management and Protection, West Publishing Company, 1993.
- Swedroe, Larry, The Successful Investor Today, St. Martin's Press, 2003.
- Taleb, Nassim, Fooled by Randomness, Texre, 2001.



Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities Major in Economics

Post Graduate - Second Year Programme, Semester Fourth

Course Code: HECOR 671

Course Title: Research Project/Dissertation

Curriculum Details (for 6 Credits)

Course pre-requisites:

1. Preliminary knowledge of research methodology
2. Basic understandings in the economics as discipline

Course Objectives:

1. To acquaint students with structure of research report/dissertation
2. To give an idea about the research report writing
3. To inform students about how to use statistical techniques and tools in research
4. To prepare students to write the dissertation

Course Outcomes:

1. Learners will practically conduct a research
2. Learner will follow all the research steps under the guidance of supervisor
3. Learners will produce some of the research findings
4. Learners will produce and submit the research report in stipulated format

Steps:

- Student will have to choose topic of his own interest in consultation with faculty supervisor
- Extensive review of literature by the students monitored by faculty
- Objectives and hypothesis should be finalized once primary literature review is done
- Data collection for the fulfillment of objectives of the research
- Data analysis and interpretation under the keen observation of the faculty
- Report writing by the students (As per the format)
- Final project viva voce including presentation of student in front of experts

Every Report/Dissertation should contain the following documents in the described sequences and format

- 1) Front cover page of glossy photo paper or hard bound rexin cover, which should have printed or embossed descriptions as given in Appendix-1
- 2) The First inner cover page should contain the same description printed as in Appendix-1 but on glossy paper if the cover page is rexin bound and embossed otherwise of on plain paper/colored paper.
- 3) The Second inner page must contain the Certificate issued by the supervisors(s) endorsing the originality of the work and the declaration that this piece of work has been carried out under his/her/their supervision and at the deputed place, time, etc. and the endorsement of the HOD/Director to these statement as given in Appendix-2
- 4) The Third inner page is the certificate page as issued by the authority, where the student has undertaken the OJT or research or Practical's etc. Appendix-3
- 5) The fourth inner page is the page of Acknowledgement, which the student has to write and acknowledge the thanks, gratitude, obligation etc. for the successful completion of the assignment due to these individuals, authorities or institution or organization etc. Appendix-4
- 6) The Fifth inner page is the page for dedication in honor, like to parents/Teachers/Friend/Wife/Husband/Organization etc. But this page is not a compulsion.
- 7) The sixth page is Index/Contents page, which must contain the Serial number, Title of each Chapter/part/programme and the page number as in Appendix-5
- 8) The Seventh page should contain the Index of Graphs/supporting documents/survey samples/tables/pictures/photographs etc., which are used as a part of the report. Each item has to have a title so that these can be prepared in the same manner as the Sixth page (Index/Contents page)
- 9) Each Chapter should be separated by a partition page marked/printed with the CHAPTER NO. and CHAPTER TITLE as described in the Index/Contents page above (Point 7)

- 10) The Report/Dissertation must contain the References/Bibliography pages at the end of the last chapter. The references also should be noted, sequenced and described as per a standard format and cannot be placed in any personally chosen order or description. It is very significant part of the report/dissertation for evaluation by the examiner. A standard pattern of References page is given in Appendix-6
- 11) Each page should be numbered from the writing page of Chapter-I. Pages of Certificate of the supervisor till partition page of Chapter-I should be numbered in Roman digits (I, II, III, IX, XIII etc.)
- 12) Avoid making underlines for each heading especially to the Capital letters. All headings should be with capital letters and sub-headings with small letters. Avoid use of Italics until unless it is required. Similarly, do not use different types of markers/symbols for explaining the content in points; rather follow 1-2 types of these only in consistence.
- 13) Follow a logical placement of facts, figures and analysis to explain the findings for a Layman Understands of your report and accordingly you spell out/order/design the chapters.
- 14) One must use comprehensive English words to describe the Title of the work and the Chapters. Hence, avoid long expressions for these.
- 15) It is advisable to take support/help from a good English knowing person to correct the grammatical errors and construction of Active/passive sentences, use of Phrases/Idioms in your report writing etc.
- 16) The printing pages should be of uniform page payout conditions and fonts for the total report.